USPTO

TO: Kevin Bates
Location: RND 4A68
Art Unit: 2155
Monday, April 02, 2007

Case Serial Number: 09/729568

From: Lucy Park
Location: EIC 2100
RND 4B31
Phone: 2-8667

lucy.park@uspto.gov

Search Notes

Dear Examiner Bates:

Here are the results of your search on case #09/729568. Please let me know if you have any questions about the search, or if you'd like me to refocus it.

Thanks,
Lucy

Lucy Park
Patent Searcher
EIC 2100
571-272-8667

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Kevin Bates   Examiner # : 79966   Date: 3/21/07

Art Unit: 2155   Phone Number 30 2-3980   Serial Number: 09/729,569

Mail Box and Bldg/Room Location: RAN 4A68   Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Apparatus and Method for Computation of a Pricing Index

Inventors (please provide full names): Tomoshi Hirayama

Hisashi Tomita

Earliest Priority Filing Date: 12/09/1999

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

This case needs a business method template search.

The claims contain a combination of digital rights management

restricting the number of copies of data can be made by a user

attaching the digital signature or security to the copies

Also it contains a business method of determining a price index for

digital content

It attempts to calculate demand for the item based on:

how many times it gets downloaded and

how many times it gets copied

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STAFF USE ONLY   **Type of Search**   **Vendors and cost where applicable**

[File 8] **Ei Compendex(R)** 1884-2007/Mar W3

[File 35] **Dissertation Abs Online** 1861-2007/Feb

[File 65] **Inside Conferences** 1993-2007/Mar 30

[File 2] **INSPEC** 1898-2007/Mar W3

[File 94] **JICST-EPlus** 1985-2007/Apr W1
File 94: JICST will be removed from all vendors on March 31, 2007. Please contact the Knowledge Center for alternative files.

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Mar 27

[File 6] **NTIS** 1964-2007/Apr W1

[File 144] **Pascal** 1973-2007/Mar W3

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W3

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb

[File 95] **TEME-Technology & Management** 1989-2007/Mar W4

[File 20] **Dialog Global Reporter** 1997-2007/Mar 30

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
File 583: This file is no longer updating as of 12-13-2002.

[File 474] **New York Times Abs** 1969-2007/Mar 30

[File 475] **Wall Street Journal Abs** 1973-2007/Mar 30

; d s
Set   Items   Postings   Description
S1   17770827   39194109   S DATA OR CONTENT OR FILE? ? OR SONG? ? OR MP3 OR VIDEO? ? OR
MUSIC OR (AUDIOVISUAL OR AUDIO()VISUAL OR MULTIMEDIA OR
MULTI()MEDIA)(3N)INFORMATION
S2   18446221   32374789   S NUMBER? ? OR HOW()MANY OR TIMES OR AMOUNT? ?

S3   53934   143663   S S2(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR DUPLICAT????)

S4   73004   277381   S (DIGITAL?? OR ELECTRONIC?)(3N)(SIGNATURE? ? OR FINGERPRINT??? OR FINGER()PRINT???) OR WATERMARK??? OR WATER()MARK???

S5   17567488   52404976   S PRICE? ? OR PRICING OR BILL??? OR COST??? OR INVOIC??? OR FEE OR FEES

S6   1140229   2754030   S S5(3N)(SET OR SETS OR SETTING OR DETERMIN??? OR DETERMINATION OR CREAT??? OR MAK??? OR ESTABLISH???? OR FIGUR??? OR COMPUT??? OR CALCULAT???? OR INDEX???)

S7   597693   2205750   S S2(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR SAVE? ? OR SAVING OR TRANSMIT????)

S8   14   84   S S1(3N)S3 AND S1(3N)S7

S9   13   78   RD (unique items)

S10   3   20   S S9 NOT PY=2000:2007

S11   1475   4788   S S1(3N)S3

S12   7647   27230   S S1(3N)S7

S13   397   2415   S S11:S12 AND S6

S14   25   202   S S13 AND (DRM OR DIGITAL()RESOURCE? ?()MANAGEMENT OR PIRAT??? OR PIRACY)

S15   24   188   RD (unique items)

S16   2   24   S S15 NOT PY=2000:2007

S17   91853   227043   S S1(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR DUPLICAT????)

S18   384998   1148573   S S1(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR SAVE? ? OR SAVING OR TRANSMIT????)

S19   463   4826   S S17 AND S18 AND S6

S20   116   1998   S S19 AND (DRM OR DIGITAL()RESOURCE? ?()MANAGEMENT OR PIRAT??? OR PIRACY OR (ACCESS??? OR USAGE)(3N)(RIGHT? ? OR AGREEMENT? ? OR LICENSE? ?))

S21   110   1884   RD (unique items)

S22   109   1868   S S21 NOT (S10 OR S16)

S23   9   139   S S22 NOT PY=2000:2007

S24   7   93   S S19 AND S4

S25   1   11   S S24 NOT PY=2000:2007

S26   196373   514423   S PRIC???(3N)INDEX???

S27   28687   138497   S S26 AND (DEMAND? ? OR S7)

S28   50   772   S S27 AND S1 AND (DRM OR DIGITAL()RESOURCE? ?()MANAGEMENT OR PIRAT??? OR PIRACY OR (ACCESS??? OR USAGE)(3N)(RIGHT? ? OR AGREEMENT? ? OR LICENSE? ?))

S29   45   721   RD (unique items)

S30   45   721   S S29 NOT (S10 OR S16 OR S22)

S31   6   50   S S30 NOT PY=2000:2007

S32   5733   60861   S S11:S12 AND S5

S33   291   3222   S S32 AND (DRM OR DIGITAL()RESOURCE? ?()MANAGEMENT OR PIRAT??? OR PIRACY OR (ACCESS??? OR USAGE)(3N)(RIGHT? ? OR AGREEMENT? ? OR LICENSE? ?))

S34   278   3054   S S33 NOT (S10 OR S16 OR S22 OR S30)

S35   18   194   S S34 NOT PY=2000:2007

S36   18   194   RD (unique items)

10/3,K/3 (Item 1 from file: 20) <u>**Links**</u>
Dialog Global Reporter
07383676 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**
Watermarks to deter digital piracy

NEW STRAITS TIMES (MALAYSIA)
September 23, 1999
Journal Code: FNST **Language:** English **Record Type:** FULLTEXT
Word Count: 1067
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...the digital content. For example, a creator of a digital music may want
to monitor **how many times** users have **downloaded**
a particular **song**.
    One common feature in all watermarks is that they all store
cryptographic keys. These keys...

...can also decide to choose "copy many times" attribute which will allow
the user to **copy** the **content** several **times**. However,
the **copying** is limited to a specific number of copies, for example,
20 times. Once the specified...

...the music and technology industries announced Tuesday that they are
joining forces to thwart music **pirating** on the Internet while, at
the same time, encouraging the distribution of their artists over...

...T said they will develop technology that would allow the recording
industry to charge for **downloading** the **music**. The technology
also would prevent the **music** from being **copied** without paying
royalties to the artists or the record companies.

...they envi Continued from page E1
    sion all technologies will be compatible so consumers can
download music with a wide variety of hardware and software.
    Hilary Rosen, president and chief executive officer...

...hovering in the background was the specter of MP3, a popular format for
posting and **downloading music** on the Web. In the past,
industry executives have complained bitterly that people are taking...

...royalties to the artists or record labels.
    The industry has had a difficult time combating **piracy** because
of the ease with which violators can establish or shut down Web sites with
pirated music.
    Recording executives declined Tuesday to speculate how much they are
losing to online **pirating**.
    Few record companies voluntarily put their music online via MP3
because there's currently no way to keep it from being **pirated**. But
with new security technology, the major labels would be more inclined to
put their...

...said SDMI has been spurred by Rio, a $200 Walkman-size device that can
play **MP3 music downloaded** from the Internet with
CD-quality sound. The RIAA unsuccessfully sued to bar Rio from the market,
saying it encouraged music **pirating**.
    "Here comes a means for **downloading music** and putting it
on a device where you can hear real sound quality," Iser said...
...a technology market research firm, said SDMI could prove an effective
way to slow down **pirating**.
    "What the industry needs badly is to create an alternative to
pirated music online. Then they could come out and say, `Look, the

quality is guaranteed and don't support **pirated** music because you are stealing money from your favorite artist,'" he said.

What the industry envisions is a variety of hardware and software products that make **downloading music** easy, but **copying** it difficult, said Cary Sherman, senior executive vice president for the RIAA.

For instance buyers...

...Web site and pay via credit card to download Jewel's latest album to their **computers**. For one **price** they could download a version that could be copied just once onto a single CD...

...as content publishers.

Whether the goal is a profitable new online content business or a
cost-effective way to meet customer demand for online content
delivery, customer management and **billing** services are critical.

Providers need to offer real time access control based on account
activity...

...different ways.

For example, a content provider or publisher may be supporting both
free and **fee-for-service** subscribers. Where the content is
copyright, remittances may need to be paid to...

...only one of many IP services offered. The provider must select a
customer management and **billing** platform that can meet these
challenges, grow with the business and integrate with existing
applications.

CMB software

Fortunately, some vendors have developed customer management and
billing (CMB) software for that purpose. Portal Infranet is one such
solution.

The online content provider...

...provider can capture useful demographic data such as income level and
interests.

Customer management and **billing** software provides account
creation, Infranet will provide the publishing system with the information
needed to...

...This is the basis of real time control over content access. Does the
user have **access rights** to premium content? How many articles
per month may be downloaded? Are there time-of...

...later.

Once customer access begins, events are passed from the content
delivery system to the **billing** system. Such software can track any
type of activity and update both monetary account balances and non-monetary
balances, such as megabytes **downloaded, songs
downloaded, number** of articles **downloaded** or games
played.

Rating activity can create changes in account status that are of
interest...

...his last free download for the month and must purchase further services.

Support For Different **Pricing** Models

Content **billing** systems must support a variety of
pricing models including one-time access **fees**, recurring
subscriptions, charges per item, and premiums or discounts based on content
type of other...

...cross-service discounts and promotions.

Common to all providers is the fact that the initial **pricing**
models will change in response to competition, market evolution and the
introduction of new services. So the **billing** system must be able to
cope with rapid **price** and structural changes.

Just as important, these changes must be easy for relatively unskilled
operators to implement, without additional programming.

Online content is typically **billed** on a subscription or
fee-per-download basis, using credit card, **invoice** or direct
debit.

Charging a subscriber's credit card for micro-payments often involving
sums...

...is **cost** prohibitive because of the minimum **fees** charged by
credit card companies. So the **billing** system must be able to
accumulate small charges and **bill** the subscriber in aggregate on a
periodic basis. Another solution is for the **billing** system to
administer a prepaid customer 'wallet' from which the customer can draw
funds to...

...Party Providers

With CMB software, third-party providers can be established as
accounts in the **billing** database and credits can occur in real time
during the rating process or as part of the **billing** cycle. This
enables providers that manage access to third-party content to pay the
content number of accesses or other criteria.

Needless to say, the customer management and **billing** system
must offer very flexible reporting to accommodate all the possible
permutations of business model...

36/3,K/8 (Item 8 from file: 20) <u>Links</u>
Dialog Global Reporter

06472590 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Contra Costa Times, Walnut Creek, Calif., Computer Column

Yael Li-Ron
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CONTRA COSTA TIMES - WALNUT CREEK,
CALIFORNIA)
July 31, 1999
Journal Code: KCCT   Language: English   Record Type: FULLTEXT
Word Count: 589
(USE FORMAT 7 OR 9 FOR FULLTEXT)
Contra Costa Times, Walnut Creek, Calif., Computer Column

...stipulations -- consumers will specify for how long they'd want to
listen to the purchased **music**, and **how many**
copies they'll be allowed to make of it. Phase II of the spec will
apply...

...argues that the recording industry should profit from the sales of music
tracks, and that **piracy**, which is the most prevalent form of MP3
distribution today, should be stopped. The question...

...settle for SDMI, and the recording industry will finally recapture its
market. Until then, the **piracy** will continue, and there's nothing
anybody can do about it.
    Following last week's...

36/3,K/10 (Item 10 from file: 20) <u>Links</u>
Dialog Global Reporter

06287975 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Science and Technology: Digital rights and wrongs: Protecting electronic property: Computers were supposed to be threatening copyright. Instead, they may end up making it stronger

ECONOMIST
July 17, 1999
Journal Code: FECN **Language:** English **Record Type:** FULLTEXT
Word Count: 1597
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...of illegal copies of newly released songs, these devices are supposed to
understand predetermined digital-**usage rights**. The scheme's
"default" setting is that people should not be able to own more...

...copyright. They could decide, for example, how often consumers would be
allowed to play a **song, how many copies** they
could make of it and if they should be able to upload it on...

...home" to a special Internet clearing-house to arrange for the payment of
a suitable **fee**.
   Mine, all mine
   Digital-rights-management systems are built around a concept that Mark
Stefik...

...far is Intertrust's technology. It allows creators, publishers and
distributors to attach not just **usage rights** to their
content, but business rules such as tailored **pricing**. With a
software tool called Commerce Modeler, content creators can, for example,
permit users to...

...publisher uploads its content on to one of the company's computers, it
sets the **price** and defines, for example, whether the product can
also be saved or printed by any...

LôôkSmart

InterTrust Announces Internet and In-Store Kiosk Music Vending Solution; New Commerce 1.0 Addresses Music Piracy, Sales Channel, and Commerce Model Issues

NEW YORK--(BUSINESS WIRE)--July 13, 1998--InterTrust Technologies Corporation today announced support for Internet and in-store kiosk music vending using InterTrust(TM) Commerce 1.0, a digital commerce system. The recently announced system enables artists, producers, and retailers to package, sell, and deliver music over the Internet or in-store music kiosk vending machines. Commerce 1.0 solves three music industry problems relating to online distribution of music - piracy, distribution channel support, and new commerce models for the online sales channel.

InterTrust Commerce 1.0 is a digital commerce system that enables music and other digital information to be packaged, sold, and delivered via the Internet or any digital medium with persistent protection, distribution channel support, superdistribution, and easy commerce modeling.

The system with music vending capabilities will be publicly shown for the first time at the Jupiter Plug.in Conference on July 15-16, 1998, at the Crowne Plaza Hotel in New York. In a related announcement, InterTrust announced receipt of an export license for its Commerce 1.0 and Enterprise 1.0 products.

"Internet music sales and fulfillment require positive, satisfying user experiences, superior economic value, and effective securing of all participant interests," said Victor Shear, founder and chief executive officer of InterTrust. "All relevant parties must be paid, and commercial processes must be transparent and trivially easy to use."

Shear added, "Today's announcement by InterTrust sets the stage for successful Internet, DVD, and in-store music distribution models. With Commerce 1.0, the industry will be able to profoundly increase its sales and profits while simultaneously reducing the risks of piracy, fraud, and security breaches."

Addressing Music Industry Issues

InterTrust Commerce 1.0 addresses three fundamental music industry problems associated with digital music distribution:

-- Piracy: InterTrust's persistent protection is the result of

industry leading technology inventions that prevent widespread theft and copying, such as posting of digital music masters on the Internet.

-- Distribution Channel Support: InterTrust's value chain capability

. allows distribution channel partners to be included in the sales and commissions from Internet-based sales and fulfillment.

-- New Online Commerce Models: InterTrust's Commerce Modeler(TM)

product enables music industry developers to readily incorporate elements associated with cross-merchandising, promotion, direct response marketing, and event coordination related to the sale of music.

Internet Music Market

Internet music sales were $37 million in 1997, according to the Recording Industry Association of America (RIAA). Sales for 1998 are forecast to increase to $179 million and then grow to $2.8 billion in 2002, according to Jupiter Communications, a New York-based market research firm.

The growth in sales will be fueled by the transition from physical fulfillment to Internet-based fulfillment of music sales. Internet-based fulfillment will require increased consumer Internet bandwidth and the adoption of software to protect the rights of music creators, publishers, distributors, and sellers.

"Music companies can take advantage of Commerce 1.0 now to market to college students and upscale consumers with high-bandwidth Internet access at home, school, or work," said Joseph W. Jennings, senior vice president, Marketing, InterTrust Technology Corp. "Whether you want to sell through in-store kiosks or over the Web, Commerce 1.0 allows music vending to be protected, efficient, and highly flexible."

Commerce 1.0 for Internet and In-Store Kiosk Music Sales

Using Commerce 1.0, consumers will download an InterRights(TM) Point, establish their RightsWallet(TM), select music from both websites and kiosks, and receive music in a DigiBox(TM) container on a purchase, pay-per-use, pay-to-own, or rental basis. They can save their music, for example, to a hard drive, Recordable CD, flash RAM, or DVD-RAM disc, while maintaining persistent protection of creative, publishing, and distribution rights.

Consumers can receive incentives to pass along music to friends for purchase and use, and can receive cross promotions for other music, merchandise, tickets, or music videos. Payment and usage information is collected either online or through passing aggregated micro-transaction information to an InterTrust payment and usage processing partner. Payment is then disaggregated and parsed to value chain members: stores, distributors, record companies, artists, agents, etc.

The Commerce 1.0 system uniquely delivers the persistent protection, easy business modeling, usage auditing, and payment processing necessary for efficient digital commerce on the Internet or in-store music kiosk. It is compatible with, and makes safe, music industry encoding standards, including AAC, MP3, Twin-VQ, AVI, WAV, AC3, and Red Book.

Music industry developers can use, if desired, third-party payment and usage processing center partners such as Rights Exchange, Inc. (formerly SOFTBANK Net Solutions) or Mitsubishi Corporation for information and payment processing services, allowing fast time-to-market.

Consumer systems currently require Microsoft Windows(R) 95 or NT(R) 4.0 and 5 MB minimum disk space. Commerce infrastructure and processing requires Microsoft NT 4.0 or Sun Solaris(TM) 2.5.1. Platforms under development include Windows CE, Windows 98, Microsoft NT 5.0, and Java.

"If your developers can use Visual Basic, they can readily build sophisticated music marketing, selling, and fulfillment systems," said Richard Landsman, InterTrust vice president of engineering. "Whether creating a vending application for the Internet or in-store kiosk, InterTrust is the only software available that can persistently protect your content, pay your partners, and track usage over a wide range of consumers worldwide, as well as generally automate asset management."

The Company

InterTrust is the digital commerce and information security company. It has shipped digital commerce systems for building commerce, enterprise, and extranet solutions. InterTrust enables partners and customers to quickly respond to new business conditions, digital distribution channels, and enterprise business relationships with protected, efficient, and flexible systems.

The InterTrust Strategic Technologies and Architectural Research Laboratory (STAR Lab) is the leading digital commerce and information security research lab.

Contacts

Public Relations: Barry Strauss, InterTrust, 408/222-6252, barrys@intertrust.com Drew Lane, ACI, 415/923-1660, dlane@alexander-pr.com Sales: William Jordan, InterTrust, 408-222-6100, bjordan@intertrust.com International: Douglas Armati, InterTrust, 44-1473-738-400, armati@intertrust.com Technology: David Van Wie, InterTrust, 408/222-6100, vanwie@intertrust.com

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CONTACT:   InterTrust Technologies Corp.
           Barry Strauss, 408/222-6252, barrys@intertrust.com
           or
           Alexander Communications
           Drew Lane, 415/923-1660, dlane@alexander-pr.com
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; d s
Set   Items   Postings  Description
S1   3094722  20284284  S DATA OR CONTENT OR FILE? ? OR SONG? ? OR MP3 OR VIDEO? ? OR
MUSIC OR (AUDIOVISUAL OR AUDIO()VISUAL OR MULTIMEDIA OR
MULTI()MEDIA)(3N)INFORMATION
S2   3395376   9063473  S NUMBER? ? OR HOW()MANY OR TIMES OR AMOUNT? ?
S3    16383     69283  S S2(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR
REPLICA???? OR DUPLICAT????)
S4    12716    121166  S (DIGITAL?? OR ELECTRONIC?)(3N)(SIGNATURE? ? OR FINGERPRINT??? OR
FINGER()PRINT???) OR WATERMARK??? OR WATER()MARK???
S5   1183801   1868457  S PRICE? ? OR PRICING OR BILL??? OR COST??? OR INVOIC???
S6    33799    128081  S S5(3N)(SET OR SETS OR SETTING OR DETERMIN??? OR DETERMINATION OR
CREAT??? OR MAK??? OR ESTABLISH???? OR FIGUR??? OR COMPUT??? OR CALCULAT???? OR
INDEX???)
S7    37699    124878  S S2(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR
SAVE? ? OR SAVING OR TRANSMIT????)
S8      19       695  S S1 AND S3 AND S4
S9       7       197  S S8 NOT AD=19991209:20031209/PR
S10      4        89  S S9 NOT AD=20031209:20070330/PR
S11    1748      9688  S S1(3N)S3
S12    5639     27134  S S1(3N)S7
S13     29       313  S S11 AND S12
S14      0         0  S S13 AND S6
S15      2        20  S S13 AND S5
S16     27       295  S S13 NOT S15
S17     18       170  S S16 NOT AD=19991209:20031209/PR
S18     13       114  S S17 NOT AD=20031209:20070330/PR
S19     13       114  S S18 NOT S10
S20   104582    624502  S S1(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR
REPLICA???? OR DUPLICAT????)
S21   252306   1379979  S S1(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR
SAVE? ? OR SAVING OR TRANSMIT????)
S22     25       515  S S20 AND S21 AND S6
S23     25       515  S S22 NOT (S10 OR S19)
S24     10       277  S S23 NOT AD=19991209:20031209/PR
S25      8       249  S S24 NOT AD=20031209:20070330/PR
S26    1269     12977  S S20:S21 AND S6
S27      0         0  S S26 AND (DRM OR DIGITAL()RIGHTS()MANAGEMENT)
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06236353 **Image available**
SIGNAL REPRODUCING DEVICE, SIGNAL RECORDING DEVICE, SIGNAL RECORDING SYSTEM, SIGNAL REPRODUCING METHOD AND SIGNAL RECORDING METHOD

Pub. No.: 11-177924 [JP 11177924 A]
Published: July 02, 1999 (19990702)
Inventor: KORI TERUHIKO
         EZAKI TADASHI
         OGINO AKIRA
         KIMURA YUJI
Applicant: SONY CORP
Application No.: 09-340252 [JP 97340252]
Filed: December 10, 1997 (19971210)
International Class: H04N-005/91; G11B-020/10; H04N-007/08; H04N-007/081; H04N-007/083; H04N-007/087; H04N-007/088

ABSTRACT

PROBLEM TO BE SOLVED: To provide the signal reproducing device that records generation limit information such as a token and a ticket included in digital **data** onto a medium in a form of analog signals.

SOLUTION: The reproducing device 20 reproduces image **data** or the like where copyright control information for copying limit purpose is superimposed by digital **watermark** processing and a ticket representing generation limit information denoting number of **times** of possible **copying** or reproduction from a source disk S. The reproducing device 20 converts the image **data** or the like into base band analog **data** and detects the ticket. The reproducing device 20 superimposes the detected ticket on an audio signal by digital **watermark** processing and provides an output of an analog base band signal.

06144895 **Image available**
DATA CONTROL METHOD, DATA CONTROL INFORMATION EMBEDDING METHOD, DATA CONTROL INFORMATION DETECTION, DATA CONTROL INFORMATION EMBEDDING DEVICE, DATA CONTROL INFORMATION DETECTOR AND RECORDER

Pub. No.: 11-086435 [JP 11086435 A]
Published: March 30, 1999 (19990330)
Inventor: IBARAKI SUSUMU
        KATSUTA NOBORU
Applicant: MATSUSHITA ELECTRIC IND CO LTD
Application No.: 10-190825 [JP 98190825]
Filed: July 06, 1998 (19980706)
Priority: 09181459 [JP 979181459], JP (Japan), July 07, 1997 (19970707)
International Class: G11B-020/10; G09C-001/00; G09C-001/00; G09C-005/00; H04L-009/32; H04N-001/387; H04N-005/91; H04N-007/08; H04N-007/081

ABSTRACT

PROBLEM TO BE SOLVED: To control **copying** propriety and the **number** of **copying times** and to protect a copyright by embedding prohibition information into **data**, such as **videos** and voices.

SOLUTION: The prohibition information 31 is embedded into the **videos** and permission information 32 is embedded therein by using **digital signature**, etc., if N **times** of **copying** is okay. At the time of reproduction of the **data**, the presence or absence of the permission information 32 is investigated and a permission flag is set at a 1 or 0. If the permission flag is 1, the permission information 32 is deleted and the copying of the **data** is made possible. If the permission flag is 0, the prohibition information 31 is detected. A prohibition flag is then made 1 or 0. If the prohibition flag is 1, a copying okay or denial flag is set at the 0 and the copying of the **data** is prohibited.

10/5/3 (Item 1 from file: 350) <u>Links</u>
Derwent WPIX

0009494359 *Drawing available*
WPI Acc no: 1999-436725/199937
XRPX Acc No: N1999-326044
Signal reproducing apparatus for optical disk - outputs base band signal of superimposed analog signal with generation limitation information
Patent Assignee: SONY CORP (SONY)
Inventor: EZAKI T; KIMURA Y; KORI T; OGINO A

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 11177924	A	19990702	JP 1997340252	A	19971210	199937	B
US 6526510	B1	20030225	US 1998207299	A	19981208	200323	E

Priority Applications (no., kind, date): JP 1997340252 A 19971210

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 11177924	A	JA	19	7	

Alerting Abstract JP A
NOVELTY - The reproducing apparatus (20) converts digital **data** such as image **data** received by a receiving unit into analog signal of baseband. The generation limitation information which shows the frequency which can be copied or reproduced is generated and is superimposed on the analog signal of baseband by **watermark** process and is output by an output unit. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: signal recording device; signal recording system; signal regeneration method; signal recording method USE - For reproducing signals such as image, **music data** from optical disk.
ADVANTAGE - Achieves high copyright protection. Analog signal can be superimposed without interfering with copyright information. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of optical disk recording system. (20) Reproducing apparatus.

25/5/7 (Item 7 from file: 350) <u>Links</u>
Derwent WPIX

0009041622 *Drawing available*
WPI Acc no: 1998-599610/199851
XRPX Acc No: N1998-467000
Digital database distribution management method - involves computing service fee information using decoded utilisation information based on which service fee allocation is carried out
Patent Assignee: SONY CORP (SONY)
Inventor: MAARI K

Patent Family (4 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 10269289	A	19981009	JP 199774182	A	19970326	199851	B
US 20040073451	A1	20040415	US 199846693	A	19980324	200426	E
			US 2003690911	A	20031022		
US 20040107167	A1	20040603	US 199846693	A	19980324	200436	E
			US 2003690747	A	20031022		
US 7120604	B2	20061010	US 199846693	A	19980324	200667	E
			US 2003690747	A	20031022		

Priority Applications (no., kind, date): JP 199774182 A 19970326

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 10269289	A	JA	39	40		
US 20040073451	A1	EN			Division of application	US 199846693
US 20040107167	A1	EN			Division of application	US 199846693
US 7120604	B2	EN			Division of application	US 199846693

Alerting Abstract JP A
The method involves encrypting digital data using specific encryption key. The encrypted **data** is **transmitted** to requested party based on the received transmission demand. The encrypted data is decoded using the encryption key and is transmitted. The billing information corresponding to the utilised digital data for every user is determined based on the **transmitted data**.
The **determined billing** information is then transmitted to the corresponding user. The utilisation information received by user is judged and decoded. The service fee for the utilised information to be collected from the respective user is determined based on the decoded data. Then allocation of service fee is carried out.
ADVANTAGE - Prevents copy or unauthorised usage of digital data.

; d s

Set	Items	Postings	Description
S1	1606372	42324923	S DATA OR CONTENT OR FILE? ? OR SONG? ? OR MP3 OR VIDEO? ? OR MUSIC OR (AUDIOVISUAL OR AUDIO()VISUAL OR MULTIMEDIA OR MULTI()MEDIA)(3N)INFORMATION
S2	1575489	26198217	S NUMBER? ? OR HOW()MANY OR TIMES OR AMOUNT? ?
S3	38498	274736	S S2(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR DUPLICAT????)
S4	14879	388721	S (DIGITAL?? OR ELECTRONIC?)(3N)(SIGNATURE? ? OR FINGERPRINT??? OR FINGER()PRINT???) OR WATERMARK??? OR WATER()MARK???
S5	666836	3333840	S PRICE? ? OR PRICING OR BILL??? OR COST??? OR INVOIC??? OR FEE OR FEES
S6	48311	329545	S S5(3N)(SET OR SETS OR SETTING OR DETERMIN??? OR DETERMINATION OR CREAT??? OR MAK??? OR ESTABLISH???? OR FIGUR??? OR COMPUT??? OR CALCULAT???? OR INDEX???)
S7	55185	279506	S S2(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR SAVE? ? OR SAVING OR TRANSMIT????)
S8	284	5713	S S1(3N)S3(100N)S1(3N)S7
S9	13	272	S S8(100N)S6
S10	38	836	S S8(100N)S5
S11	5	119	S S8(100N)S4
S12	42	938	S S10:S11
S13	23	562	S S12 NOT AD=19991209:20031209/PR
S14	20	494	S S13 NOT AD=20031209:20070330/PR
S15	20	494	IDPAT (sorted in duplicate/non-duplicate order)
S16	54023	1097697	S S1(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR DUPLICAT????)
S17	168726	2652757	S S1(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR SAVE? ? OR SAVING OR TRANSMIT????)
S18	173	2819	S S16(100N)S17(100N)S6
S19	36	435	S S16(20N)S17(20N)S6
S20	20	277	S S19 NOT AD=19991209:20031209/PR
S21	15	229	S S20 NOT AD=20031209:20070330/PR
S22	13	141	S S21 NOT S15
S23	8	129	S S16(100N)S17(100N)PRICE(3N)INDEX?
S24	8	129	S S23 NOT (S15 OR S22)

15/3K/2 (Item 2 from file: 348) <u>Links</u>
EUROPEAN PATENTS

01752676
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

Patent Assignee:

- **ELECTRONIC PUBLISHING RESOURCES, INC.;** (976840)
     460 Oakmead Parkway; Sunnyvale, CA 94086-4708; (US)
     (Applicant designated States: all)

Inventor:

- **Ginter, Karl L.**
     10404 43rd Avenue; Beltsville Maryland 20705; (US)

- **Shear, Victor H.**
     5203 Battery Lane; Bethesda Maryland 20814; (US)

- **Spahn, Francis J.**
     2410 Edwards Avenue; El Cerrito California 94530; (US)

- **van Wie, David M.**
     1250 Lakeside Drive; Sunnyvale California 94086; (US)

Legal Representative:

- **Smith, Norman Ian et al (36041)**
     fJ CLEVELAND 40-43 Chancery Lane; London WC2A 1JQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1431864	A2	20040623	(Basic)
	EP	1431864	A3	20050216	
Application	EP	2004075701		19960213	
Priorities	US	388107		19950213	

Designated States:
AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE;

Related Parent Numbers: Patent (Application):EP 861461 (EP 96922371)

International Patent Class (V7): G06F-001/00; G06F-017/60**Abstract Word Count:** 151
NOTE: 77
NOTE: Figure number on first page: 77

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total Word Count (Document A) 168379			

| Total Word Count (Document B) 0 |
| Total Word Count (All Documents) 168379 |

Specification: ...charge for events. It records and reports payment information.

Budget process 408 limits how much **content** usage is permitted. For example, budget process 408 may limit the number of times **content** may be accessed or **copied**, or it may available elsewhere such as in other containers at remote sites. Container 302 may reference items available at different **times** or only during limited times. Some items may be too large to store within container... ...for example, be delivered to the user in the form of a "live feed" of **video** at a certain time. Even then, the container 302 "contains" the live feed (by reference) in this example.

Container 302 may contain information **content** 304 in electronic (such as "digital") form. Information **content** 304 could be the text of a novel, a picture, sound such as a **musical** performance or a reading, a movie or other **video**, computer software, or just about any other kind of electronic information you can think of...

22/3K/13 (Item 9 from file: 349) <u>Links</u>
PCT FULLTEXT
00344642
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION
ELECTRONIQUE DES DROITS

Patent Applicant/Patent Assignee:

● **ELECTRONIC PUBLISHING RESOURCES INC;**
    ; ;

	Country	Number	Kind	Date
Patent	WO	9627155	A2	19960906
Application	WO	96US2303		19960213
Priorities	US	95388107		19950213

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English
Filing Language:
Fulltext word count: 207972

Detailed Description:

...53B show an example of an EVENT
method;
FIGURE 53C shows an example of a **BILLING** method;
FIGURE 54 shows an example of an ACCESS method;
FIGURES 55A-55B show examples of DECRYPT and
ENCRYPT methods;
FIGURE 56 shows an example of a **CONTENT** method;
- 151
FIGURES 57A and 57B show examples of EXTRACT and
EMBED methods;
FIGURE 58A...

[File 88] **Gale Group Business A.R.T.S.** 1976-2007/Mar 23

[File 369] **New Scientist** 1994-2007/Nov W4

[File 160] **Gale Group PROMT(R)** 1972-1989

[File 635] **Business Dateline(R)** 1985-2007/Mar 31

[File 15] **ABI/Inform(R)** 1971-2007/Mar 31

[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 30

[File 9] **Business & Industry(R)** Jul/1994-2007/Mar 30

[File 13] **BAMP** 2007/Mar W4

[File 810] **Business Wire** 1986-1999/Feb 28

[File 610] **Business Wire** 1999-2007/Apr 02
File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.

[File 647] **CMP Computer Fulltext** 1988-2007/Jun W2

[File 98] **General Sci Abs** 1984-2007/Mar

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Mar 22

[File 634] **San Jose Mercury** Jun 1985-2007/Mar 29

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 30

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/Mar 22

[File 75] **TGG Management Contents(R)** 86-2007/Mar W4

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 30

[File 624] **McGraw-Hill Publications** 1985-2007/Apr 02
File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more

[File 484] **Periodical Abs Plustext** 1986-2007/Mar W4

; d s
Set   Items   Postings   Description
S1   19370556   43173982   S NUMBER? ? OR HOW()MANY OR TIMES OR AMOUNT? ?
S2   55579   138354   S S1(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR DUPLICAT????)
S3   130151   467999   S (DIGITAL?? OR ELECTRONIC?)(3N)(SIGNATURE? ? OR FINGERPRINT??? OR FINGER()PRINT???) OR WATERMARK??? OR WATER()MARK???
S4   29688069   107722455   S PRICE? ? OR PRICING OR BILL??? OR COST??? OR INVOIC??? OR FEE OR FEES
S5   2276629   6419431   S S4(3N)(SET OR SETS OR SETTING OR DETERMIN??? OR DETERMINATION OR CREAT??? OR MAK??? OR ESTABLISH???? OR FIGUR??? OR COMPUT??? OR CALCULAT???? OR INDEX???)
S6   1090953   3590895   S S1(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR SAVE? ? OR SAVING OR TRANSMIT????)
S7   16   79   S INTERTRUST?(3N)COMMERCE()MODELER
S8   3109   9988   S S2(3N)(DATA OR CONTENT OR SONG? ? OR MUSIC OR FILE OR MP3)
S9   28891   107794   S S6(3N)(DATA OR CONTENT OR SONG? ? OR MUSIC OR FILE OR MP3)
S10   31   226   S S8(100N)S9
S11   16   113   RD (unique items)
S12   6   40   S S11 NOT PY=2000:2007
S13   259   1457   S S8:S9(50N)(DRM OR DIGITAL()(RIGHT? ? OR RESOURCE? ?)()MANAGEMENT OR PIRAT??? OR PIRACY OR (ACCESS??? OR USAGE)(3N)(RIGHT? ? OR AGREEMENT? ? OR LICENSE? ?))
S14   9   59   S S13(100N)S5
S15   3   19   RD (unique items)
S16   84   654   S S13(100N)S4
S17   51   388   RD (unique items)

S18   5   34 S S17 NOT PY=2000:2007
S19   5   34 S S18 NOT (S12 OR S15)
S20 201699 584813 S (DATA OR CONTENT OR SONG? ? OR MUSIC OR FILE? ? OR
MP3)(3N)(COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR
DUPLICAT????)
S21 1376858 4301333 S (DATA OR CONTENT OR SONG? ? OR MUSIC OR FILE? ? OR
MP3)(3N)(DOWNLOAD??? OR DOWN()LOAD??? OR SHARE? ? OR SHARING OR SAVE? ? OR SAVING
OR TRANSMIT????)
S22 16382   86876 S S20(50N)S21
S23 1124   8298 S S22(50N)(DRM OR DIGITAL()(RIGHT? ? OR RESOURCE? ?)()MANAGEMENT OR
PIRAT??? OR PIRACY OR (ACCESS??? OR USAGE)(3N)(RIGHT? ? OR AGREEMENT? ? OR LICENSE? ?))
S24   43   427 S S23(50N)S3
S25   22   215 RD (unique items)
S26   11   87 S S25 NOT PY=2000:2007
S27   26   245 S S23(50N)S5
S28   12   119 RD (unique items)
S29   1   7 S S28 NOT PY=2000:2007
S30   5   25 RD S7 (unique items)
S31   5   25 S S30 NOT PY=2000:2007

01261655
Will Cable Unplug the File Swappers?: New pricing
    plans for broadband use could make downloading pirated music and movies
    a prohibitively costly habit
By Jane Black in New York
Business Week Online, 20020613, Pg 0
June 13, 2002

TEXT:

... says Kelly Truelove, an independent P2P expert. "If a critical mass of
broadband providers institute **pricing** structures that **make**
people sensitive to the **amount** of **data** they **transmit,**
there will be less sharing."
 RUNNING FOR COVER. The cable companies' adoption of new pricing
strategies has less to do with stopping **piracy** than with economics
and business models. At an average monthly cost of $45, broadband is...

26/3,K/3 (Item 2 from file: 635) <u>Links</u>
Business Dateline(R)

0865387 98-25750
Technology keeps the music flowing

Fernandes, Lorna

Text:

...music as it is streaming to a user's computer via the Internet is a "
watermarked" code that records identifying information like the
credit card number of the person **downloading** the **music**.

If the **music** is **duplicated** for sale without permission,
the **pirated** copy displays the name, address and credit card number
of the original culprit to all...

...for," Mr. Patterson said. "Out of all the players, Liquid Audio had the
strongest package: **watermarking** abilities and encryption. The two
together act as a force."

IUMA no longer provides songs...

29/3,K/1 (Item 1 from file: 16) <u>Links</u>
Gale Group PROMT(R)

06155767   **Supplier Number: 53958100 (USE FORMAT 7 FOR FULLTEXT)**

Diversinet Corp. Offers Secure Permit Technology As Music Industry Seeks To Embrace MP3.
Business Wire , p 0195
Feb 25 , 1999
Language: English   **Record Type:** Fulltext
Document Type: Newswire ; Trade
Word Count: 559

...offer music to consumers using public networks, such as the Internet,
without being exposed to **piracy** and illegal **copying**.
Songs can be provided to consumers on a limited (two days or one
week, for example...

...copies. When Diversinet's authentication and authorization technology is
used, consumers would be able to **download music** only to
pre-authenticated devices that have been encoded with the same Diversinet
technology. Consumers...

...the music for the time period allotted either at no cost or for a small
fee, to be **determined** by the content provider. Consumers with
devices that have not already been encoded with the...

31/3,K/1 (Item 1 from file: 16) **Links**
Gale Group PROMT(R)
(c) 2007 The Gale Group. All rights reserved.
05706813   **Supplier Number: 50164486 (USE FORMAT 7 FOR FULLTEXT)**

InterTrust Announces Internet and In-Store Kiosk Music Vending Solution
PR Newswire , p 713SFM061 ·
July 13 , 1998
Language: English   **Record Type:** Fulltext
Article Type: Article
Document Type: Newswire ; Trade
Word Count: 1083

...in the sales and commissions from Internet-based sales and fulfillment.
    * New Online Commerce Models: **InterTrust's Commerce
Modeler**(TM) product enables music industry developers to readily
incorporate elements associated with cross-merchandising, promotion...

...Research Laboratory (STAR Lab) is the leading digital commerce and
information security research lab.
    NOTE: **InterTrust, Commerce Modeler**, RightsWallet,
DigiBox, and InterRights are trademarks of InterTrust Technologies
Corporation which may or may not...

```
; d s
Set   Items  Postings  Description
S1    3308   5345   S AU=(HIRAYAMA T? OR HIRAYAMA, T?)
S2    5663   9123   S AU=(TOMITA H? OR TOMITA, H?)
S3     4      21   S S1 AND S2
S4    1854   3711   S (S1 OR S2) AND (DRM OR DIGITAL()RIGHT? ?()MANAG? OR COPYRIGHT? ? OR
PIRAT???)
S5     0      0   S S4 AND (NUMBER? ? OR HOW()MANY OR TIMES OR AMOUNT? ?)(3N)(COPY??? OR
COPIES OR REPRODUC??? OR REPRODUCTION? ? OR REPLICA???? OR DUPLICAT????)
S6    113    373   S S4 AND (PRICE? ? OR PRICING OR BILL??? OR COST? ? OR INVOIC???)
S7     2      8   S S4 AND (PRICE? ? OR PRICING OR BILL??? OR COST? ? OR INVOIC???)(3N)(SET OR
SETS OR SETTING OR DETERMIN??? OR DETERMINATION OR ESTABLISH???)
S8     6      29   S S3 OR S7
```

8/5/4 (Item 2 from file: 350) <u>Links</u>
Derwent WPIX

0015435710 *Drawing available*
WPI Acc no: 2005-785005/200580
Related WPI Acc No: 2001-366926; 2005-767678
XRPX Acc No: N2005-649972
Information processing apparatus for computing pricing index, transmits notification to information processing apparatus, calculating number of times audio visual contents are transmitted
Patent Assignee: SONY CORP (SONY)
Inventor: **HIRAYAMA T; TOMITA H**

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050251484	A1	20051110	US 2000729568	A	20001204	200580	B
			US 2005177382	A	20050711		

Priority Applications (no., kind, date): JP 1999349775 A 19991209

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050251484	A1	EN	24	16	Division of application	US 2000729568

Alerting Abstract US A1
NOVELTY - The apparatus has a transmitter that transmits audio visual information from holding information to the request-issuing information processing apparatus over a network. A transmitter transmits a notification to information processing apparatus, indicating the calculated number of times that the audio-visual contents have been transmitted.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

• information processing method; and
• storage medium storing information processing program.

USE - For computing pricing index for requested audio visual information which is electronically copied.
ADVANTAGE - It is possible to compute accurately and quickly the pricing indexes of the information contents that are exchanged over a networks.
DESCRIPTION OF DRAWINGS - The figure shows a flowchart of steps performed by the player.

8/5/5 (Item 3 from file: 350) **Links**
Derwent WPIX

0015367620 *Drawing available*
WPI Acc no: 2005-767678/200578
Related WPI Acc No: 2001-366926; 2005-785005
XRPX Acc No: N2005-633852
Pricing information processing apparatus e.g. for audio visual information, transmits notification indicating that information acquired from internet are reproduced, to another information processing apparatus managing reproduction count
Patent Assignee: SONY CORP (SONY)
Inventor: **HIRAYAMA T; TOMITA H**

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050246380	A1	20051103	US 2000729568	A	20001204	200578	B
			US 2005177296	A	20050711		

Priority Applications (no., kind, date): JP 1999349775 A 19991209

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050246380	A1	EN	24	16	Division of application	US 2000729568

Alerting Abstract US A1
NOVELTY - A transmitter transmits a notification indicating that information acquired from internet are reproduced by player, to another information processing apparatus managing reproduction count.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

● pricing information processing method; and

● storage medium storing pricing information processing program.

USE - For processing pricing information such as audio visual (AV) information.
ADVANTAGE - Computes reproduction count and demand for information exchanged over internet, accurately and quickly.
DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the network system.
1 pricing agent

8/5/6 (Item 4 from file: 350) <u>Links</u>
Derwent WPIX

0010753691 *Drawing available*
WPI Acc no: 2001-366926/200138
Related WPI Acc No: 2005-767678; 2005-785005
XRPX Acc No: N2001-267725
Information processing apparatus for computing a pricing index as a basis for pricing information such as audio-visual information that can be electronically copied by counting
Patent Assignee: SONY CORP (SONY)
Inventor: **HIRAYAMA T; TOMITA H**; TOMITA T

Patent Family (4 patents, 29 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010003814	A1	20010614	US 2000729568	A	20001204	200138	B
JP 2001167198	A	20010622	JP 1999349775	A	19991209	200140	E
EP 1107144	A2	20010613	EP 2000126705	A	20001205	200141	E
KR 2001070277	A	20010725	KR 200074321	A	20001207	200206	E

Priority Applications (no., kind, date): JP 1999349775 A 19991209

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20010003814	A1	EN	25	16		
JP 2001167198	A	JA	15			
EP 1107144	A2	EN				
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					

Alerting Abstract US A1
NOVELTY - The information processing apparatus (1) consists of an acquiring element (11) that acquires the number of times information contents are downloaded over a network (2) and a second acquiring element (12) that acquires the number of times the information contents has been reproduced. A computing element (13) then calculates a pricing index for the information contents based on the number of times the information contents has been downloaded and on the number of times the information contents have been reproduced as acquired by the second acquiring element.
DESCRIPTION - INDEPENDENT CLAIMS are included for:

• an information processing method and
• a storage medium storing a computer program for computing a pricing index.

USE - Apparatus for calculating the price index of electronically reproducible content such as audio-visual data.
ADVANTAGE - The pricing index creates a tangible method of quantifying the demand of electronic content in a network system.
DESCRIPTION OF DRAWINGS - The drawing shows a block diagram of a network.
1 Pricing System
2 Network, e.g. the Internet
11 first acquiring information
12 Second acquiring information
13 Computing element.

[File 8] **Ei Compendex(R)** 1884-2007/Mar W3

[File 35] **Dissertation Abs Online** 1861-2007/Feb

[File 65] **Inside Conferences** 1993-2007/Mar 30

[File 2] **INSPEC** 1898-2007/Mar W3 .

[File 94] **JICST-EPlus** 1985-2007/Apr W1
File 94: JICST will be removed from all vendors on March 31, 2007. Please contact the Knowledge Center for alternative files.

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Mar 27

[File 6] **NTIS** 1964-2007/Apr W1

[File 144] **Pascal** 1973-2007/Mar W3

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W3

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb

[File 95] **TEME-Technology & Management** 1989-2007/Mar W4

[File 20] **Dialog Global Reporter** 1997-2007/Mar 30

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
File 583: This file is no longer updating as of 12-13-2002.

[File 474] **New York Times Abs** 1969-2007/Mar 30

[File 475] **Wall Street Journal Abs** 1973-2007/Mar 30

; d s
Set	Items	Postings	Description
S1	5173	5194	S AU=(HIRAYAMA, T? OR HIRAYAMA T?)
S2	3676	3678	S AU=(TOMITA, H? OR TOMITA H?)
S3	0	0	S S1 AND S2
S4	36	73	S (S1 OR S2) AND (DRM OR DIGITAL()RIGHT? ?()MANAG? OR COPYRIGHT? ? OR PIRAT???)

S5   33   67 RD (unique items)
S6   0   0 S S5 AND (PRIC??? OR COST??? OR BILL??? OR INVOIC???)
S7   13   39 S S5 AND (COPY??? OR COPIE? ? OR REPRODUC??? OR REPRODUCTION? ? OR
REPLICA???? OR DUPLICAT????)

Google

Web Images Video News Maps more »

"commerce modeler"

[Search] Advanced Search
Preferences

Web

Results **1 - 10** of **10** for **"commerce modeler"**. **(0.09** seconds)

InterTrust Announces Internet and In-Store Kiosk Music Vending ...
New Online Commerce Models: InterTrust's **Commerce Modeler**(TM). product enables
music industry developers to readily incorporate elements associated with ...
www.findarticles.com/p/articles/mi_m0EIN/is_1998_July_13/ai_50161082 - 31k -
Cached - Similar pages

Business Wire: InterTrust Receives US Government Encryption Export ...
InterTrust, **Commerce Modeler**, RightsWallet, DigiBox, and InterRights are trademarks of
InterTrust Technologies Corporation which may or may not be ...
www.findarticles.com/p/articles/mi_m0EIN/is_1998_July_13/ai_50161086 - 32k -
Supplemental Result - Cached - Similar pages

New Products
The application kit also comes with a **commerce modeler** and layout editor package.
Developers should have C programming experience on Window 95, Windows 98, ...
doi.ieeecomputersociety.org/10.1109/MMUL.1999.10001 - Similar pages

IP: Digital rights and wrongs
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